

To: Berkoff, Michael[berkoff.michael@epa.gov]
Cc: Semmler, Jay A LRC[Jay.A.Semmler@usace.army.mil]; Miller, Jennifer LRC[Jennifer.Miller@usace.army.mil]
From: Heath, Jeffrey B LRC
Sent: Tue 7/19/2016 6:44:15 PM
Subject: RE: USACE Services Required for USS Lead (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Just let us know when to reschedule....Jeff

-----Original Message-----

From: Berkoff, Michael [mailto:berkoff.michael@epa.gov]
Sent: Tuesday, July 19, 2016 1:38 PM
To: LRC-VEH-G13-3615P,Honda Civic Compressed Natural Gas (CNG) <LRC-VEH-G13-3615P@usace.army.mil>; Semmler, Jay A LRC <Jay.A.Semmler@usace.army.mil>; Miller, Jennifer LRC <Jennifer.Miller@usace.army.mil>; Heath, Jeffrey B LRC <Jeffrey.B.Heath@usace.army.mil>
Subject: [EXTERNAL] RE: USACE Services Required for USS Lead (UNCLASSIFIED)

I am sorry, but this meeting is going to have to be rescheduled. EPA will get back to you with a new date for the meeting.

-----Original Appointment-----

From: LRC-VEH-G13-3615P,Honda Civic Compressed Natural Gas (CNG) [mailto:LRC-VEH-G13-3615P@usace.army.mil]
Sent: Tuesday, July 19, 2016 10:56 AM
To: LRC-VEH-G13-3615P,Honda Civic Compressed Natural Gas (CNG); Berkoff, Michael; Semmler, Jay A LRC; Miller, Jennifer LRC; Heath, Jeffrey B LRC
Subject: USACE Services Required for USS Lead (UNCLASSIFIED)
When: Wednesday, July 20, 2016 1:30 PM-2:30 PM (UTC-06:00) Central Time (US & Canada).
Where: Telcon (888) 278-0296 AC 8086298, SC 3122

CLASSIFICATION: UNCLASSIFIED

We received an emergency request to start a work assignment for this site.

Please use the following callin info:

Telcon (888) 278-0296, AC 8086298, SC 3122

RPM: Michael Berkoff 313-353=8983.

Site Description/Background Information:

The U.S. Smelter and Lead Refinery, Inc. (USS Lead) Site is located in East Chicago, Indiana. The Site is broken into two operable units. OU1 consists of a residential neighborhood divided into three zones. Zone 1 consists of a 346 unit public housing complex with more than 1000 residents, a park and an elementary school. The public housing complex was built on the footprint of a former lead refinery and lead paint pigment shop that operated from 1912 to 1946. Zones 2 and 3 consist of residential neighborhoods with some commercial and light industrial properties. OU2 includes a 79 acre area that housed the primary and secondary smelting operations of USS Lead from 1906 to 1985 and site-wide groundwater. The primary contaminants of concern are lead and arsenic.

The 2012 Record of Decision selected excavation and off-site disposal of soil with lead concentrations exceeding 400 milligrams per kilogram (mg/kg) and arsenic concentrations exceeding 26 mg/kg, to a

maximum depth of 2 feet at residential properties. All properties in Zone 1 will require cleanup. As determined by Remedial Design (RD) sampling, roughly half of the properties have lead concentrations greater than 1200 mg/kg in the 0-6" horizon, the criteria for a removal action. Thirteen properties have concentrations greater than 5000 mg/kg in the 0-6" horizon. EPA plans to conduct an expedited Remedial Action (RA) at those thirteen properties.

Blood lead data from a 2015 census indicates that there are elevated blood lead levels in children within the WCHC, indicating exposure to lead. EPA and the Agency for Toxic Substance Disease Registry are evaluating the potential source(s) of that exposure. Remedial Design sampling has indicated high levels of lead in soil. EPA is conducting indoor dust sampling of the units within those thirteen properties mentioned earlier, and at other units within the WCHC.

EPA is evaluating the necessity of temporary relocation as a part of the expedited RA, consideration of the soil data, indoor dust data and blood lead levels.

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